1.Add a new column called DOB in Persons table with data type as Date.

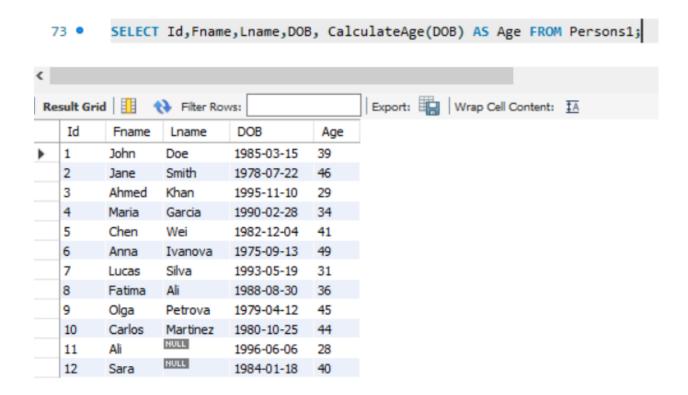
ALTER TABLE Persons ADD DOB DATE;

	Id	Fname	Lname	Population	Rating	Country_Id	DOB
•	1	John	Doe	500000	4.5	1	1985-03-15
	2	Jane	Smith	600000	4.0	2	1978-07-22
	3	Ahmed	Khan	200000	3.9	8	1995-11-10
	4	Maria	Garcia	450000	4.6	4	1990-02-28
	5	Chen	Wei	700000	3.8	5	1982-12-04
	6	Anna	Ivanova	300000	4.2	6	1975-09-13
	7	Lucas	Silva	750000	4.3	1	1993-05-19
	8	Fatima	Ali	550000	3.7	8	1988-08-30
	9	Olga	Petrova	800000	4.4	9	1979-04-12
	10	Carlos	Martinez	100000	4.1	2	1980-10-25
	11	Ali	NULL	150000	4.2	2	1996-06-06
	12	Sara	NULL	200000	3.5	4	1984-01-18
	NULL	NULL	NULL	NULL	NULL	NULL	NULL

2. Write a user-defined function to calculate age using DOB.

```
DELIMITER $$
CREATE FUNCTION CalculateAge(DOB date)
RETURNS INT
DETERMINISTIC
) BEGIN
        DECLARE Age INT;
        SET Age = TIMESTAMPDIFF(YEAR, DOB, CURDATE());
        RETURN Age;
- END $$
DELIMITER ;
```

3. Write a select query to fetch the Age of all persons using the function that has been created.

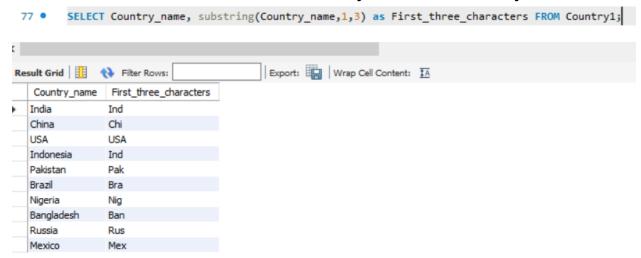


4. Find the length of each country name in the Country table.

Export: Wrap Cell Content: IA Result Grid Filter Rows: Country_name LengthOfCountryName India China 5 USA 3 Indonesia Pakistan 8 6 Brazil Nigeria 7 Bangladesh 10 Russia 6 Mexico 6

SELECT Country name, length(Country name) AS LengthOfCountryName FROM Country1;

5. Extract the first three characters of each country's name in the Country table.



6. Convert all country names to uppercase and lowercase in the Country table.

